RACOM
RADIO DATA NETWORKS

User manual

Fan kit for RipEX
Radio modem & Router

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Important Notice

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Important Notice

- Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors), or be totally lost. Significant delays or losses of data are rare when wireless devices such as the RipEX are used in an appropriate manner within a well-constructed network. RipEX should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. RACOM accepts no liability for damages of any kind resulting from delays or errors in data transmitted or received using RipEX, or for the failure of RipEX to transmit or receive such data.
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1. Fan kit for RipEX Radio modem & Router

External Fan kit for additional cooling in extreme temperatures. The external fan kit is not required for the temperature range according to the RipEX's specification. Installing the fan kit helps establish better air flow inside the cabinet.

Fig. 1.1: Fan kit mounting

Note – hazardous locations

Fan kit is not intended for use in hazardous locations.

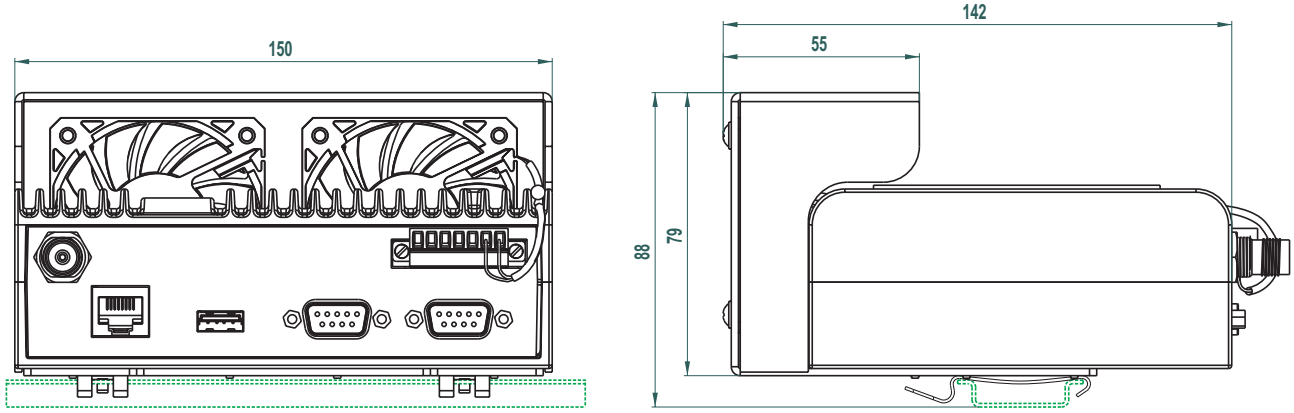

Fig. 1.2: RipEX with Fan kit

1.1. Fan kit instalation

The fan kit installs using three screws driven into the openings on the bottom side of the RipEX. Use two pieces M4×6 mm screws and one screw M4×5 mm. Use of improper screws may result in damage to the RipEX mainboard!

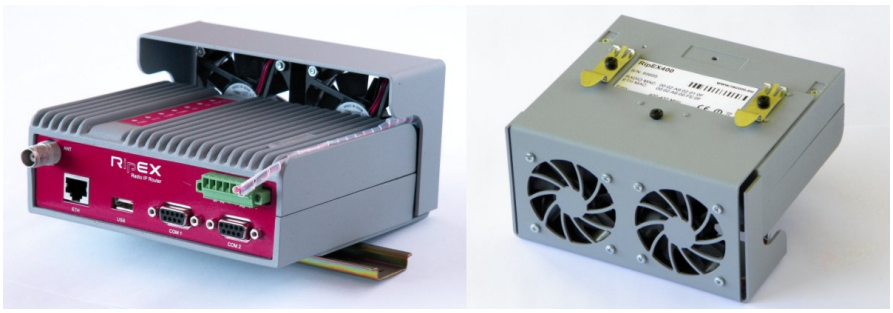

Fig. 1.3: Fan kit mounting

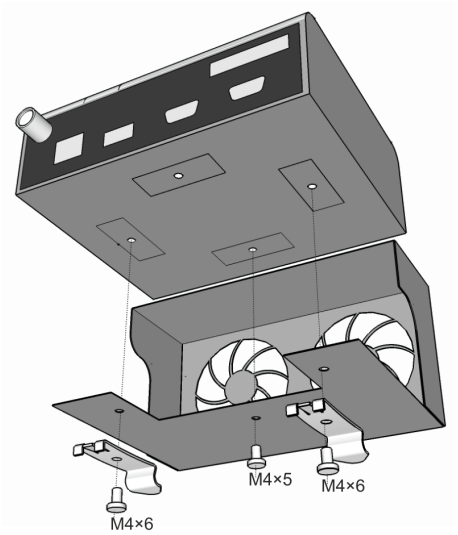

Fig. 1.4: RipEX with Fan kit and DIN rail clips

The fan kit may be controlled using the Alarm Output of the RipEX power connector, which is triggered when the temperature inside RipEX exceeds a set temperature (recommended) or it can run permanently (it should be connected in parallel to the RipEX's power supply). Configuration of the Alarm Output is described in chapter *Advanced Configuration, Device*[1].

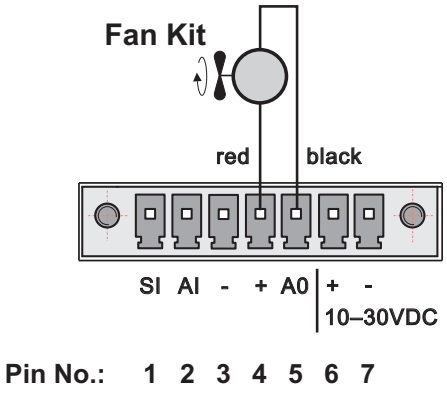

Fig. 1.5: Fan kit using Alarm Output, recommended

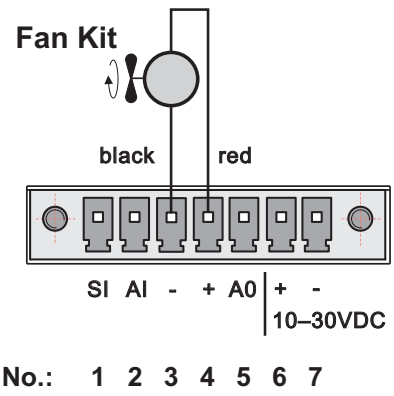

Fig. 1.6: Fan kit, always on

[1] http://www.racom.eu/eng/products/m/ripex/h-menu.html#h-alarm

1.2. Ordering code (Part No’s)

RipEX_FAN_KIT – Fan kit, for external cooling

1.3. Warranty

RACOM-supplied parts or equipment ("equipment") is covered by warranty for inherently faulty parts and workmanship for a warranty period as stated in the delivery documentation from the date of dispatch to the customer. The warranty does not cover custom modifications to software. During the warranty period RACOM shall, on its option, fit, repair or replace ("service") faulty equipment, always provided that malfunction has occurred during normal use, not due to improper use, whether deliberate or accidental, such as attempted repair or modification by any unauthorised person; nor due to the action of abnormal or extreme environmental conditions such as overvoltage, liquid immersion or lightning strike.

Any equipment subject to repair under warranty must be returned by prepaid freight to RACOM direct. The serviced equipment shall be returned by RACOM to the customer by prepaid freight. If circumstances do not permit the equipment to be returned to RACOM, then the customer is liable and agrees to reimburse RACOM for expenses incurred by RACOM during servicing the equipment on site. When equipment does not qualify for servicing under warranty, RACOM shall charge the customer and be reimbursed for costs incurred for parts and labour at prevailing rates.

This warranty agreement represents the full extent of the warranty cover provided by RACOM to the customer, as an agreement freely entered into by both parties.

RACOM warrants the equipment to function as described, without guaranteeing it as befitting customer intent or purpose. Under no circumstances shall RACOM's liability extend beyond the above, nor shall RACOM, its principals, servants or agents be liable for any consequential loss or damage caused directly or indirectly through the use, misuse, function or malfunction of the equipment, always subject to such statutory protection as may explicitly and unavoidably apply hereto.

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Appendix A. Revision History

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First issue	